CLAIM AMENDMENTS:

1. (Currently amended) A method comprising:
intercepting a signal from a video transmission, the signal comprising a scrambled content and a decryption key;
extracting the decryption key from the signal;
encrypting the extracted decryption key;
storing the encrypted decryption key in a memory region that is part of a demultiplexer;
extracting the scrambled content from the signal; and
storing the scrambled content separate from the stored encrypted decryption key.

2. (Canceled)

3. (Currently amended) The method of claim 1, further comprising:
receiving a request for the scrambled content to be descrambled;
retrieving the encrypted decryption key from the memory region~~signal~~;
decrypting the retrieved encrypted decryption key; and
using the decrypted decryption key to descramble the scrambled content.

4. (Previously presented) The method of claim 1, wherein encrypting the decryption key further comprises using protected content exchange encryption.

5. (Canceled) Please cancel Claim 5 without prejudice.

6. (Currently amended) A system, comprising:
a bus;
a bus interface unit coupled to the bus wherein the bus interface unit receives a video signal including a scrambled content and a decryption key; ~~and~~
a demultiplexer coupled to the bus;
a memory region that is part of the demultiplexer; and
a multi-function unit coupled to the bus interface unit including logic to:

encrypt the decryption key;

store the encrypted decryption key in the memory region;

extract the scrambled content from the signal; and

store the scrambled content separate from the stored encrypted decryption key.

7. (Original) The system of claim 6, wherein the multi-function unit further comprises:
a descrambler; and
a decoder.

8. (Canceled) Please cancel Claim 7 without prejudice.

9. (Original) The system of claim 6, wherein the multi-function unit further comprises:
an encryption unit; and
a decryption unit.

10. (Previously presented) The system of claim 9, the encryption unit further including logic to encrypt the decryption key using protected content exchange-based encryption.

11. (Original) The system of claim 6, wherein the bus is a peripheral component interconnect bus.

12. (Original) The system of claim 6, where the video signal is a single channel audio/video signal.

13. (Canceled) Please cancel Claim 13 without prejudice.

14. (Original) The system of claim 7, wherein the descrambler is a digital video broadcast descrambler.

15. (Canceled) Please cancel Claim 15.

16. (Original) The system of claim 7, wherein the decoder is an MPEG decoder.

17. (Original) The system of claim 9, wherein the decryption unit performs PCX-based decryption.

18. (Currently amended) An article comprising a medium storing instructions that cause a processor-based system to:
receive a video signal;
extract scrambled content and decryption keys from the video signal;
encrypt the decryption keys;
store the encrypted decryption keys in a memory region that is part of a demultiplexer; and
store the scrambled content separate from ~~and~~ the encrypted decryption keys ~~separately~~.

19. (Currently amended) The article of claim 18, further storing instructions that cause a processor-based system to:
receive a request for the scrambled content;
retrieve the encrypted decryption keys stored in the memory region;
decrypt the retrieved encrypted decryption keys; and
send the scrambled content and the decrypted keys to a descrambler.

20. (Original) The article of claim 18, further storing instructions that cause a processor-based system to encrypt the decryption keys using protected content exchange-based encryption.